

**FORM PTO-1449****INFORMATION DISCLOSURE CITATION**

Atty Docket LU 6079 (US)	Serial No. 10/539,342
Applicant Shahram Mihan et al.	
Filing Date June 16, 2005	Group Art Unit 1713

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
AA	3,125,547	03/17/64	Blatz			
AB	3,242,150	03/22/66	Scoggin			
AC	3,248,179	04/26/66	Norwood			
AD	5,246,783	09/21/93	Spenadel et al.			
AE	5,281,679	01/25/94	Jejelowo et al.			
AF	5,625,016	04/29/97	Schiffino et al.			
AG	6,240,507	05/29/01	Derrick et al.			
AH	6,350,814	02/26/02	Bauer et al.			
AI	6,420,507	07/16/02	Kale et al.			
AJ	6,588,905	07/08/03	Sekine			
AK	6,642,313	11/04/03	Kazakov et al.			
AL	6,699,948	03/02/04	Mihan et al.			
AM	6,723,675	04/20/04	Wang			
AN	6,737,130	05/18/04	Ferri			
AO	6,787,498	09/07/04	Mihan et al.			
AP	6,812,185	11/02/04	Fischer et al.			
AQ	6,838,563	01/04/05	Mihan et al.			
AR	6,911,516	06/28/05	Mihan et al.			
AS	6,919,412	07/19/05	Mihan et al.			
AT	6,924,248	08/02/05	Mihan et al.			
AU	7,094,724	08/22/06	Fraaije et al.			
AV	2003/0036658 (corresponds to US 6,699,948; US 6,919,412)	02/20/03	Mihan et al.			
AW	2003/0036662 (corresponds to US 6,787,498; US 6,919,412)	02/20/03	Mihan et al.			
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AZ	2003/0236164 (corresponds to US 6,812,185; US 6,588,905)	12/25/03	Fischer et al.			

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	BA	2004/0033890 (corresponds to US 6,924,248)	02/19/04	Mihan et al.			
	BB	2005/0282979	12/22/05	Mihan et al.			

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	BC	19745047 (corresponds to US 6,350,814)	04/15/99	DE			
	BD	100,843	02/22/84	EP			
	BE	416,815	03/13/91	EP			
	BF	420,436	04/03/91	EP			
	BG	608,369	08/03/94	EP			
	BH	662,989	07/19/95	EP			
	BI	728,160	08/28/96	EP			
	BJ	899,278	03/03/99	EP			
	BK	90/03414	04/05/90	WO			
	BL	91/09882	07/11/91	WO			
	BM	93/03093	02/18/93	WO			
	BN	93/12151	06/24/93	WO			
	BO	95/27005	10/12/95	WO			
	BP	98/03559	01/29/98	WO			
	BQ	98/44011	10/08/98	WO			
	BR	01/12687 (corresponds to US 6,911,516)	02/22/01	WO			
	BS	01/96417 (corresponds to US 6,924,248; US 2004/0033890)	12/20/01	WO			
	BT	2004/056481	07/08/04	WO			
	BU	2004/056878	07/08/04	WO			

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CB	L. Wild, "Temperature Rising Elution Fractionation," <u>Advances in Polymer Science</u> 98, p. 1-47 (1999)
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CF	G. Kraus et al., "A Method for Characterization of Long-Chain Branched Polymers by GPC and Intrinsic Viscosity," <u>J. Polymer Sci.: Symposium No. 43</u> , p. 329-343 (1973)
CG	M. Pollard et al., "Observation of Chain Branching in Polyethylene in the Solid State and Melt via ¹³ C NMR Spectroscopy and Melt NMR Relaxation Time Measurements," <u>Macromolecules</u> , Vol. 37(3), p. 813,825 (2004)
CH	R. Koopmans, "Extrudate Swell of High Density Polyethylene. Part I: Aspects of Molecular Structure and Rheological Characterization Methods," <u>Polymer Engineering and Science</u> , Vol. 32(23), p. 1741-1749 (1992)
CI	J. Vega et al., "Small-Amplitude Oscillatory Shear Flow Measurements as a Tool To Detect Very Low Amounts of Long Chain Branching in Polyethylenes," <u>Macromolecules</u> , Vol. 31(11), p. 3639-3647 (1998)
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CO	D. Yan et al., "Effect of long chain branching on rheological properties of metallocene polyethylene," <u>Polymer</u> , Vol. 40, p. 1737-1744 (1999)

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	DC	C. Gabriel et al., "Analytical and rheological characterization of long-chain branched metallocene-catalyzed ethylene homopolymers," <u>Polymer</u> , Vol. 43, p. 6383-6390 (2002)
	DD	B. Zimm et al., "The Dimension of Chain Molecules Containing Branches and Rings," <u>The Journal of Chemical Physics</u> , Vol. 17(12), p. 1301-1314 (1949)
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	DF	Hadjichristidis et al., "Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization," <u>Macromolecules</u> , Vol. 33(7), p. 2424-2436 (2000)
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	DH	J. Stange et al., "Rheological behavior of blends from a linear and a long-chain branched polypropylene," <u>J. Rheol.</u> , Vol. 49(5), p. 1059-1079 (2005)
	DI	H. Münstedt et al., "Rheological measuring techniques and their relevance for the molecular characterization of polymers," <u>J. Non-Newtonian Fluid Mech.</u> , Vol. 128, p. 1-8 (2005)
	DJ	T. McLeish et al., "Molecular constitutive equations for a class of branched polymer: The pom-pom polymer," <u>J. Rheol.</u> , Vol. 42(1), p. 81-110 (1998)
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	DM	S. Trinkle et al., "Van Gurp-Palmen Plot II-classification of long chain branched polymers by their topology," <u>Rheol Acta</u> , Vol. 41, p. 103-113 (2002)
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	DP	B. Bersted et al., "Prediction of Rheological Behavior of Branched Polyethylene from Molecular Structure," <u>Journal of Applied Polymer Science</u> , Vol. 26, p. 1001-1014 (1981)

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	EB	H. Park et al., "Influence of long-chain branching on time-pressure and time-temperature shift factors for polystyrene and polyethylene," <u>Rheol Acta</u> , Vol. 46, p. 153-159 (2006)
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	EG	G. Georgiou, "Stick-Slip Instability," <u>Polymer Processing Instabilities</u> edited by S. Hatzikiriakos & S. Migler, Dekker, NY, p. 161-206 (2005)
	EH	S. Wang et al., "Exploring molecular origins of sharkskin, partial slip, and slope change in flow curves of linear low density polyethylene," <u>J. Rheol.</u> , Vol. 40(5), p. 875-898 (1996)
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	EJ	Office Action from currently pending Application Serial No. 10/538,540 with mail date 4/6/06
	EK	Response and Amendment from currently pending Application Serial No. 10/538,540 with mail date 10/6/06
	EL	Office Action from currently pending Application Serial No. 10/538,540 with mail date 1/19/07
	EM	Response and Amendment from currently pending Application Serial No. 10/538,540 with mail date 7/19/07
	EN	Office Action from currently pending Application Serial No. 10/539,242 with mail date 7/3/07

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